

Appendix 2: Web tables

S1. Median(minimum - maximum) cumulative organ doses [mGy] and effective doses [mSv] from screening **LD-CTs, recall LD-CTs and PETs** after the baseline, 3rd, 5th and 10th screening rounds received from respectively 5203, 4583, 4120, and 2734 participants who completed the 1st, 3rd, 5th and 10th screening round.

	Male				Female			
	Baseline	3rd year	5th year	10th year	Baseline	3rd year	5th year	10th year
Lung	2.3 (1.4-30.5)	7.1 (4.5-52.2)	12.2 (6.9-76.9)	21.7 (12.9-84.1)	2.7 (1.6-25.7)	8.3 (5.6-42.2)	14.2 (7.7-49.2)	25.3 (15.0-62.4)
Breast	-	-	-	-	2.5 (1.9-16.7)	7.6 (5.2-24.3)	13.0 (8.1-30.2)	23.3 (17.1-46.0)
Heart	2.1 (1.3-46.8)	6.8 (4.2-80.1)	11.5 (6.5-119)	20.5 (12.0-125)	2.5 (1.5-38.3)	7.6 (5.1-58.5)	13.0 (7.0-68.4)	23.2 (13.6-82.4)
Spleen	2.0 (1.2-23.6)	6.1 (3.9-40.5)	10.5 (5.9-59.7)	18.6 (11.1-65.8)	2.2 (1.3-20.0)	6.8 (4.5-34.0)	11.7 (6.2-39.5)	20.9 (11.9-50.5)
Liver	1.9 (1.1-27.8)	6.1 (3.7-47.6)	10.4 (5.8-70.4)	18.4 (11.0-76.6)	2.1 (1.2-23.2)	6.6 (4.3-38.1)	11.2 (5.9-43.3)	20.0 (11.4-54.0)
Stomach	1.9 (1.1-23.9)	5.9 (3.5-40.9)	10.0 (5.6-60.8)	17.9 (10.7-66.7)	2.0 (1.1-19.9)	6.1 (3.9-33.9)	10.4 (5.4-38.4)	18.7 (10.3-48.4)
Kidney	1.9 (0.9-27.0)	5.9 (3.2-46.6)	10.1 (5.6-69.3)	18.0 (10.9-75.4)	1.8 (0.9-22.2)	5.6 (3.2-36.8)	9.7 (4.7-40.4)	17.4 (9.1-50.0)
Esophagus	1.4 (0.8-14.8)	4.5 (2.7-25.7)	7.7 (4.3-37.7)	13.6 (8.0-42.0)	1.8 (1.0-13.4)	5.6 (3.7-24.7)	9.5 (5.0-29.2)	16.9 (9.6-38.4)
Skeleton	1.4 (0.8-32.8)	4.3 (2.7-53.7)	7.4 (4.2-79.7)	13.3 (8.3-84.4)	1.7 (1.1-28.5)	5.3 (3.6-40.1)	9.1 (5.1-49.8)	16.5 (10.0-55.4)
Gallbladder	1.5 (0.6-21.9)	4.6 (2.2-38.1)	7.9 (3.9-56.8)	14.0 (8.1-61.4)	1.3 (0.7-18.2)	4.2 (2.3-30.0)	7.2 (3.5-32.6)	12.9 (6.9-39.9)
Marrow	0.8 (0.5-18.5)	2.5 (1.5-31.0)	4.3 (2.4-45.9)	7.6 (4.7-48.4)	0.9 (0.5-15.5)	2.8 (1.9-22.5)	4.7 (2.6-27.4)	8.4 (5.0-29.3)
Thyroid	0.2 (0.1-34.4)	0.6 (0.3-54.2)	1.1 (0.6-77.3)	1.9 (1.1-78.1)	0.5 (0.1-26.5)	1.6 (0.7-30.0)	2.8 (1.2-45.9)	5.2 (2.2-39.9)
Colon	0.2 (0.1-19.4)	0.7 (0.3-32.3)	1.2 (0.6-48.0)	2.2 (1.2-48.9)	0.2 (0.1-16.0)	0.6 (0.4-21.3)	1.1 (0.6-28.3)	2.0 (1.1-25.4)
Ovaries	-	-	-	-	0.1 (0.0- 9.6)	0.2 (0.1-10.4)	0.3 (0.2-15.6)	0.6 (0.3-17.5)
Uterus	-	-	-	-	0.1 (0.0-10.9)	0.2 (0.1-12.3)	0.3 (0.2-18.0)	0.5 (0.3-19.5)
Bladder	0.0 (0.0-67.5)	0.1 (0.0-113)	0.1 (0.0-169)	0.2 (0.1-169)	0.0 (0.0-53.5)	0.1 (0.0-70.1)	0.1 (0.0-94.3)	0.2 (0.1-97.0)
Effective Dose	1.0 (0.6-16.5)	3.0 (1.9-27.4)	5.2 (2.9-39.6)	9.3 (5.6-42.7)	1.4 (0.9-14.9)	4.2 (2.9-23.3)	7.2 (4.1-26.8)	13.0 (8.0-33.5)

S2. Median (minimum -maximum) cumulative organ doses [mGy] and effective doses [mSv] from screening LD-CTs and recall LD-CTs after the baseline, 3rd, 5th and 10th screening rounds received from respectively 5203, 4583, 4120, and 2734 participants who completed the 1st, 3rd, 5th and 10th screening round.

	Male				Female			
	Baseline	3rd year	5th year	10th year	Baseline	3rd year	5th year	10th year
Lung	2.3 (1.4-9.0)	7.1 (4.5-20.6)	12.1 (6.8-31.1)	21.5 (12.9-40.7)	2.7 (1.6- 9.0)	8.3 (5.0-20.3)	14.1 (7.7-28.0)	25.1 (15.0-40.8)
Breast	-	-	-	-	2.5 (1.9- 8.1)	7.6 (5.0-18.5)	12.9 (8.1-24.2)	23.3 (17.1-35.3)
Heart	2.1 (1.3- 8.8)	6.8 (4.2-20.1)	11.5 (6.4-30.8)	20.3 (12.0-39.8)	2.5 (1.5- 8.3)	7.6 (4.6-18.7)	13.0 (7.0-26.2)	23.0 (13.6-38.1)
Spleen	2.0 (1.2- 7.9)	6.1 (3.8-18.0)	10.4 (5.8-27.3)	18.4 (11.1-35.5)	2.2 (1.3- 7.3)	6.8 (4.0-16.8)	11.6 (6.2-23.7)	20.7 (11.9-34.2)
Liver	1.9 (1.1- 8.0)	6.1 (3.7-18.0)	10.3 (5.8-27.1)	18.2 (11.0-35.0)	2.1 (1.2- 6.9)	6.5 (3.7-16.2)	11.2 (5.9-22.9)	19.9 (11.4-33.0)
Stomach	1.9 (1.1- 7.8)	5.9 (3.5-17.6)	10.0 (5.6-26.2)	17.7 (10.7-34.5)	1.9 (1.1- 6.4)	6.1 (3.3-15.3)	10.4 (5.4-21.6)	18.4 (10.3-31.0)
Kidney	1.9 (0.9- 8.1)	5.9 (3.2-18.2)	10.0 (5.6-26.6)	17.8 (10.9-36.2)	1.8 (0.9- 6.2)	5.6 (2.8-14.7)	9.6 (4.7-20.5)	17.2 (9.1-29.7)
Esophagus	1.4 (0.8- 6.1)	4.5 (2.7-13.8)	7.6 (4.3-20.8)	13.4 (8.0-26.4)	1.8 (1.0- 6.0)	5.6 (3.3-13.7)	9.5 (5.0-19.7)	16.8 (9.6-28.5)
Skeleton	1.4 (0.8- 5.4)	4.3 (2.7-12.2)	7.3 (4.2-18.1)	13.2 (8.3-24.4)	1.7 (1.1- 5.6)	5.3 (3.1-13.0)	9.0 (5.1-18.0)	16.3 (10.0-26.2)
Gallbladder	1.5 (0.6- 6.7)	4.6 (2.2-14.8)	7.9 (3.9-21.7)	13.8 (8.1-29.4)	1.3 (0.7- 4.8)	4.1 (2.1-11.3)	7.1 (3.5-15.6)	12.8 (6.9-24.1)
Marrow	0.8 (0.5- 3.2)	2.5 (1.5- 7.2)	4.3 (2.4-10.7)	7.5 (4.7-14.2)	0.9 (0.5- 2.9)	2.8 (1.6- 6.8)	4.7 (2.6- 9.4)	8.4 (5.0-13.6)
Thyroid	0.2 (0.1- 2.4)	0.6 (0.3- 3.9)	1.1 (0.5- 4.9)	1.9 (1.1- 7.9)	0.5 (0.1- 2.7)	1.5 (0.7- 5.6)	2.7 (1.2-10.6)	5.1 (2.2-17.0)
Colon	0.2 (0.1- 1.0)	0.7 (0.3- 2.7)	1.2 (0.6- 4.0)	2.2 (1.2- 5.6)	0.2 (0.1- 0.8)	0.6 (0.3- 1.6)	1.1 (0.6- 2.7)	2.0 (1.1- 4.4)
Ovaries	-	-	-	-	0.1 (0.0- 0.2)	0.2 (0.1- 0.5)	0.3 (0.2- 0.8)	0.6 (0.3- 1.3)
Uterus	-	-	-	-	0.1 (0.0- 0.2)	0.2 (0.1- 0.4)	0.3 (0.2- 0.7)	0.5 (0.3- 1.1)
Bladder	0.0 (0.0- 0.1)	0.1 (0.0- 0.2)	0.1 (0.1- 0.3)	0.2 (0.1- 1.3)	0.0 (0.0- 0.1)	0.1 (0.0- 0.1)	0.1 (0.0- 0.2)	0.2 (0.1- 0.4)
Effective Dose	1.0 (0.6- 4.0)	3.0 (1.9- 9.0)	5.2 (2.9-13.4)	9.2 (5.6-17.6)	1.4 (0.9- 4.5)	4.2 (2.5-10.4)	7.2 (4.1-14.4)	12.9 (8.0-20.8)